



# FEEDLINE



BULLETIN OF THE CANTON AMATEUR RADIO CLUB

Affiliated with the "American Radio Relay League"

AUGUST....1989

PRES - Joe Vignos	W1FEZ	SECY - Sandy Shrigley	KB8FZX
VICE PRES - Craig Stucker	N8KNW	EDITOR - Bill Parks	KBJZN
TREAS - Larry Schmader	K8RMY	ASST - Mickie Parks	XYL

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Earl Snyder	W8BAIU	Gerald Bloom	KE8MF
Kay McCune	W8LNL	Myron Koyle	N8DHT
Randy Phelps	K8BJN	Robert Carswell	K8BMNS

The C A R C meets the third Wednesday of the month at 7:30 PM.

NEXT MEETING IS AUGUST 16th AT THE EMERGENCY PREPAREDNESS CENTER.

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## FIELD TRIP

MIND BOGGLING. That is the only way to describe our Field Trip. We all knew that it would be fascinating and very interesting but no one was prepared for what we saw and had explained to us in such a professional manner.

Our THANKS to Ralph Bugg KB8SQ and his crew, all hams but one, that they did not get converted yet, for the opportunity to take the tour. It lasted three hours, as we toured the facility and had the operation explained to us.

You walk into a dark room and flip a switch and there is light. Turn a knob on your transceiver and it comes to life. Open the door on the refrigerator, a light comes on and you reach for a cold one. So many things that we take for granted, through the miracle of electricity. Little thought is given, as to what is involved to control and monitor the flow of this marvel.

Ohio Edison Company's System Control Center, through the use of many sophisticated computers and the use of an elaborate microwave

system, do this job. Every six seconds, their computers up-date the incoming data and display this on the screens in front of the controllers. From the Power Generator Plants, all the lines to the many substations through out the area that Ohio Edison serves and all the many interconnects in the system, plus the tie-ins with several adjoining power companies, is displayed on the screens. Punching a couple buttons or moving the curser with a mouse to any area, brings up a close-up and more detailed screen with more info, showing various switch gear, whether the switch is open or closed, that can be operated by pushing a button, even though many miles separate the control station and the switch gear. Different voltages are in different colors, from 345,000 volts from the generators, stepped down to 138,000 or 69,000 volts and then sent on to smaller substations, where it is again stepped down to 2400, 480, 240 and 120 volts, what ever is needed for the customer. Power used is displayed in mega-watts on each line.

The system is divided into three districts, with three separate controllers sitting before their computer screens. The Akron-Canton area district has 288,000 customers to serve. While we watched, the power usage hovered around 3,440 mega-watts. that was 3,440,000,000 watts of electricity being used at that moment and every six seconds, the figures would change slightly as the power consumption changed. Peak load the week before, was 5,100 mega-watts, with a full capacity of 6,500 mega-watts available.

All this data is being sent into the computers over the elaborate micro-wave system. The computers process this info and send it to the screens in front of the controllers. Every piece of electronic gear has a back-up. The computers check each other and automatically take over and send an alarm as to which system shows a fault. That's when Ralph and his crew are called to find the trouble and correct it. After the repair is made, the computer checks the system and if OK, tells that computer to go ahead and take over its duties.

That gives you, that did not attend the tour, some idea of what you missed. 38 members were there and marveled at the elaborate system. Ninety three people run the operation, with about twenty of them, maintaining and keeping the systems operational. They do all their own repair work, make a lot of their own test equipment and anything that they can't buy, they design and build it themselves.

THANKS AGAIN, RALPH, for giving us the opportunity to take the tour.

A few of the hams that I can remember, that work there, are: Ralph KBHSQ, Perry WBAU, John WSTD, Joe WABWNL, Ron NSEYJ all from Stark County and several more from surrounding counties.

In September, a tour is planned of a local TV station. Should be interesting but not near as elaborate as the Ohio Edison Tour.

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#### NEW SECRETARY

We reported in the July Feedline and in the June minutes, that our Secretary Stan Friedman NN8M, had submitted his letter of resignation. Being an old retiree, Stan and his wife are planning on many travels

around the country and felt that the club secretary should not miss too many meetings, so he asked that a replacement be found. Thanks Stan, for the many hours that you served CARC in different duties as Treasurer and then secretary, for several years.

If you noticed the format, our Nominating Committee, Julius K8BXD and Bob K8BMNS, has found a replacement. THANKS AND A BIG WELCOME to Sandy Shrigley KB8FZX for accepting the position of Secretary of Canton Amateur Radio Club. With the able assistance of her husband Jerry K8BAHF, if needed, and the support of the membership, I am sure she will be able to fill Stan's shoes.

Julius and Bob also wish to report progress in their work as your nominating committee, of course they would always like to hear from you. Give them a call, if you have anyone in mind or you wish to run for an office in CARC.

This year, two trustees are to be elected, to fill the open positions of the expiring terms of Earl W8AIU and Jerry KE8MF. Nominations are now open and our committee want to remind you that nominations can, as always, be made from the floor the night of the elections, which will be held at the September meeting, with the two elected assuming their positions at the October meeting.

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PREZ FEZ SEZ

By the time this August edition of FEEDLINE hits the street, this summer's burst of activity, namely Field Day and the week of Football Hall of Fame with races, parades and Special Event Station operation, will all be fond memories to all who participated.

I want to thank all the club members and other area Amateurs, who did their part in making them successful.

Field Day at W8TUY farm was great! Frank and Daryl certainly knocked themselves out fixing up the old brick school house site. The recently acquired tower and tri-band beam gave the phone operators no excuses. Shirley K8MZT, with the help of Stan NN8M, Dan K80ZL and others, made sure we had plenty to eat. Thanks to son Joe for the loan of his tent, so that the Prez could keep up tradition of spending the night on site (without any mosquito bites). Once again, congrats to Dave W88PTU, Field Day Chairman for a job well done.

As I type this letter, I can report that our communication support for the beginning events of HOF week, got off to a good start with yesterday's HOF Run, coordinated by Myron N8DHT and the Kickoff Parade, coordinated by Dick W88VUN. Well done!

Looking ahead to Autumn, we have elections for two Trustees with nominations by our Selection Committee, to be presented at the August meeting. I want to be sure that everyone understands that we also WELCOME nominations from the floor at the meeting. If you want to help keep (or get) our club moving ahead. call Julius K8BXD or Bob K8BMNS or Joe W1FEZ and get on the ballot.

The upcoming election also reminds me that it has been almost a

year now, since I took over the President's chair of the club. It has been interesting and has given me the opportunity to meet many more of you. I still don't know as many of you as I would like and this has been quite a problem in keeping things moving along the way I think they should. There are many problems to be addressed, which require considerable discussion before any action can be taken. One of these is: "How can we make the club equipment more available for use i.e. operation by club members?" Think about it, we will be talking about it in the next few months.

More reflections on the past year in next month's FEEDLINE.

73'S

THE FEZ - Joe WIFEZ

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# FOR SALE - COMPLETE COMMODORE C-64 SYSTEM

Commodore C-64

Commodore 1702 Color Monitor

Commodore 1541 Disk Drive

Star Gemini 10-X Printer

Cardco "G" Interface

500 sheets of computer paper

At least 100 games on disks

Wish to sell complete system

If interested, call Scott KK8D on 484-6722. Asking \$400 for complete system.

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## KICK-OFF SUNDAY

Sunday morning started out with overcast skies and weather radar showing a line of showers from near Toledo to Erie PA, that was moving south-east. Unfortunately, the weather man was right but everyone was thankful that it did not storm nor have a heavy downpour.

Communications Coordinator for the 5K run, was Myron N8DHT. With a total crew of eight volunteer Amateur Radio Operators, Myron had the route covered per their request. Besides Myron N8DHT, the other participants were Jeff KB8CDD, Dick WB8VUN, Bill KB8JZN, Gordy K4FID, John K8LBZ, Herb WD8IPE and Dick KA8MIB.

Umbrellas, raincoats and baggies to protect the hand-helds, were the uniform of the day. The runners thought the temperature (about 62 degrees) and the light rain was perfect for the run. At least no one needed medical attention for heat related problems.

I don't remember the final count of the runners, but being a sanctioned race, the turnout was very good and trophies were given to the top three runners for the men and the women.

Shortly after noon, Dick WB8VUN (Parade Communications Coordinator) started to assemble his crew of twelve volunteers. Again, umbrellas and raincoats with the baggies for the hand-helds were needed and pressed into service. Dick's crew consisted of Dick WB8VUN, Myron N8DHT, Gary WC8W, Everett N8EIL, Roger N8CXG, Bill K8JZN, Dan N8JBB, Warren KC8ON, Julius KD8XD, John KE8NZ, Charlie K8BYC and Gordie K4FID.

With over 130 units in the Kick-off Parade, the rain didn't stop very many of the participants. One unit that decided to scratch and brought many chuckles from the officials, was when it was reported that Shammu the whale would not be in the parade because it was too wet!!!

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## THE GRAND PARADE

Football Hall of Fame's Grand Parade, our largest Public Service Event, was held on Saturday August 5th, 1989. And of course the area Amateur Radio Operators were there in force, to handle the communications in coordinating all facets of the parade.

Four more Football Greats, were inducted into the Football Hall of Fame. This year's Inductees, were Terry Bradshaw, Mel Blount, Art Shell and Willie Wood.

The day started out with very hazy fog, that blanketed the area. Everyone kept their fingers crossed, that it would soon burn off and give us a nice sun shiny day. After all, it had never rained on a Grand Parade. Apparently there were not enough fingers crossed or Mother Nature forgot (or maybe she wanted to remind us that she was in control), because the parade just got underway and everyone was enjoying the beautiful parade, when the skies opened up and the rains came down. Umbrellas for the fans and baggies for the hand-helds, were put in use. Just as quickly as the rains started, Mother Nature shut them off and soon the sun started to shine on everyone and soon had dried everyone out. Some spirits were dampened but the parade went on.

Of course the Amateurs did their much appreciated job, very proficiently and professionally, with GREAT PRIDE, in performing this Public Service for the Grand Parade.

Starting in the Staging area, where it all begins, the assigned Amateur Radio Operators arrived at 6:00 AM. Some even stopped for breakfast on the way in. Again the Control Operator for the Staging area was very proficiently handled by Dave W8BAYE. The other operators were Earl W8AIU, Julius KD8XD, Joe W1FEZ, Pat N8FED, Steve NOCZV, Dan N8JBB, Everett N8EIL, Fred W8CRA, Paul K8BGAA, Dick KC8OU and Dick KA8MIB.

At 7:00 AM the rest of the Amateurs arrived. All the Medical Teams, had radio operators with them. The Control Operators were Tom W8PCG and George W8AKU, with Tom in charge of all the medical teams and George monitoring the operators on the parade route, to tie in any medical traffic with the medical teams. John KE8NZ was the Liason

station at the Sheriff's Communication van, for tie in with the Ambulances, Police units, Sheriffs units, State Patrol and of course with Tom at medical control. Along the route were Stan W8NZE, Doris WD8IKC, Larry K8RMY, Myron N8DHT, Tom N8KZZ, Roger N8CXG, Dolly K8BMNU, Stan NN8M, Charlie K8BYC, Mike KD8TA and Nick K8DNZ.

On top of the Civic Center, were Bill K8JZN and Dick W8BVUN, with Police Officer Jim, coordinating the entire operation. Along the parade route, every two blocks, were John K8LBZ, JD N8KHJ, Perry W8AU, Gary WC8W, Nelson W8EAR, Gordy K4FID, Herb WD8IPE, Frank W8TUY, Clay W8HCL, Dave WD8PTU, Jerry KE8MF, Gary K8BMHZ, Roy W8HCL, Frank KE8G, Sam N8HVI, Jerry K8BAHF, Scott N8JSK, Brad N8AKZ, Hershel K8YMU, Jim WD8OIZ and Bob W8BCX.

The Dispersal area was coordinated by Bob N8AHJ, with help from Dan N8DZM and Ted N8LAX.

Denny K8NIB was with the Block Coordinators and Parade Marshalls, as they assembled near by, to get their assignments and T-shirts. On the route frequency, was Shirley K8MZT standing by to forward any calls from the participants to the Parade Chairman Bill Allen and make any outgoing calls that were requested. On the medical frequency, Paul W88MEK and his XYL Margaret K88FBM, were ready to make any phone calls for the medical people. At the U.S. Weather Service, Craig N8KNW gave us the information, as to when the rain would arrive, so we could prepare to get damp.

There were additional operators standing by on frequency, in case other radio people were needed.

With Great Pride and Team Work, fifty six, if I counted correctly, dedicated Radio Amateurs did an outstanding job in providing the communications that helped make the parade very successful. I AM PROUD TO BE ONE OF THOSE AMATEURS. THANKS FELLOW AMATEURS, FOR THE WONDERFUL JOB WELL DONE.

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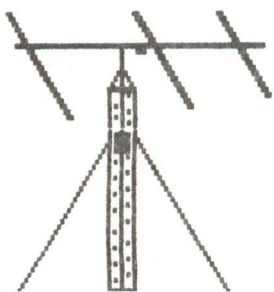
#### BALLOON CLASSIC - WASHED OUT

Mother Nature refused to cooperate with the forty one Balloonists, that came to put on their colorful display, floating gracefully over Stark County.

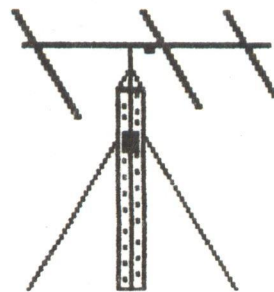
They had scheduled four launches, Friday evening before the parade, Saturday morning over the parade route, Saturday evening and again Sunday morning. But the weather just would not cooperate. Finally on Sunday morning, a few of them did get off, to float gracefully over the area. Saturday evening, most of them did inflate and made some tethered launches, just to please the crowd that had gathered, even though the scheduled launch was cancelled due to weather conditions.















Dave WD8AYE, had his crew of volunteers, ready to provide communications, which they did even though the launch was cancelled.

Amateurs were N8AKZ, N8CXG, N8JBB, K8BMNS, K88GAA, K8YMU, WD8CIB, N8KZZ, KD8XD, W8LNL, N8AIM, WD8OIZ, N8JSK, K8BZQH, WD8CRA, N8KVD, W8FEC and W8TUY. Several others volunteered and stood by on the frequency.



# SEPTEMBER 1989 CANTON ARC

**S****m****T****W****T****F****S**

					1 MARC 8PM	2
3  MUTUAL AID NET N8FEB & N8FED ANNIVERSARY	4  LABOR DAY	5  ARES 7PM SDXA 8PM W88RMZ ANNI	6  CFARC NM8Q ANNI	7  ESCARES 9PM TUSCO RC W8GSK ANNI ALLN RC	8  W8TUY BD PORTAGE EXAMS	9 
10  MUTUAL AID NET FINDLAY HAMFEST W80YV BD GRANDPARENT'S DAY	11 ELYRIA RC	12 ARES 7PM	13	14  ESCARES 9PM GARC W88HHO BD K80UVU BD	15  W8EAR & K80ZM ANNIVERSARY AIR SHOW	16 AIR SHOW
17 MUTUAL AID NET CINCINNATI HAMFEST 20/9 HAMFEST AIR SHOW	18  NOARS W88DBI BD	19 ARES 7PM B&W RC	20  CARC 7:30PM CFARC	21 ESCARES 9PM TUSCO & SARA	22  W88AYB BD FALL BEGINS	23
24  MUTUAL AID NET W88TSU BD CLEVELAND HAMFEST	25	26 ARES 7PM LEARR	27 PORTAGE RC	28 ESCARES 9PM	29	30 BARBERTON EXAMS